

**Physical Science**  
**Chapter 6 Vocabulary**

**Leucippus**

**Democritus**

**John Dalton**

**Law of Definite Proportions**

**Robert Boyle**

**J. J. Thomson**

**Philipp Lenard**

**Ernest Rutherford**

**Niels Bohr**

**Electron**

**Proton**

**Neutron**

**Energy level**

**Planetary model**

**Quantum model**

**Orbitals**

**Atomic mass**

**Atomic mass unit**

**Atomic number**

**Mass number**

**Isotopes**

**Isotopic notation**

**Nuclear chemistry**

**Radioactivity**

**Alpha particles**

**Beta particles**

**Gamma rays**

**Beta decay**

**Nuclear bombardment reaction**

**Nuclear fission**

**Chain reaction**

**Theory of relativity**

**Nuclear fusion**

**Controlled nuclear fusion**